Joan Blanco

List of Publications by Year in descending order

66 papers	2,224 citations	172386 29 h-index	233338 45 g-index
66 all docs	66 docs citations	66 times ranked	1497 citing authors

#	Article	IF	Citations
1	Chromosomal positioning in spermatogenic cells is influenced by chromosomal factors associated with gene activity, bouquet formation and meiotic sex chromosome inactivation. Chromosoma, 2021, 130, 163-175.	1.0	1
2	Chromosome heteromorphisms: do they entail a reproductive risk for male carriers?. Asian Journal of Andrology, 2020, 22, 544.	0.8	3
3	The use of fluorescence in situ hybridization analysis on sperm: indications to perform and assisted reproduction technology outcomes. Journal of Assisted Reproduction and Genetics, 2019, 36, 1975-1987.	1.2	5
4	Epigenetic Transgenerational Inheritance. Advances in Experimental Medicine and Biology, 2019, 1166, 57-74.	0.8	15
5	Sperm microRNA pairs: new perspectives in the search for male fertility biomarkers. Fertility and Sterility, 2019, 112, 831-841.	0.5	27
6	Effect of nut consumption on semen quality and functionality in healthy men consuming a Western-style diet: a randomized controlled trial. American Journal of Clinical Nutrition, 2018, 108, 953-962.	2.2	54
7	Chromosome positioning and male infertility: it comes with the territory. Journal of Assisted Reproduction and Genetics, 2018, 35, 1929-1938.	1.2	12
8	Unpaired sex chromosomes in metaphase I human spermatocytes locally modify autosomal bivalents positioning. Asian Journal of Andrology, 2018, 20, 626.	0.8	1
9	A comprehensive analysis of chromosomal anomalies in metaphase II spermatocytes from infertile patients. Asian Journal of Andrology, 2018, 20, 105.	0.8	0
10	An exploratory study of predisposing genetic factors for DiGeorge/velocardiofacial syndrome. Scientific Reports, 2017, 7, 40031.	1.6	12
11	Normalization matters: tracking the best strategy for sperm miRNA quantification. Molecular Human Reproduction, 2017, 23, 45-53.	1.3	19
12	What the human sperm methylome tells us. Epigenomics, 2017, 9, 1299-1315.	1.0	16
13	RNA espermÃ¡tico: Â¿huella de eventos pasados o dote para el embriÃ³n?. Medicina Reproductiva Y EmbriologÃa ClÃnica, 2017, 4, 59-71.	0.1	0
14	Altered bivalent positioning in metaphase I human spermatocytes from Robertsonian translocation carriers. Journal of Assisted Reproduction and Genetics, 2017, 34, 131-138.	1.2	7
15	Spermatozoa from normozoospermic fertile and infertile individuals convey a distinct mi<scp>RNA</scp> cargo. Andrology, 2016, 4, 1028-1036.	1.9	48
16	Spermatozoa from infertile patients exhibit differences of DNA methylation associated with spermatogenesis-related processes: an array-based analysis. Reproductive BioMedicine Online, 2016, 33, 709-719.	1.1	40
17	Altered segregation pattern and numerical chromosome abnormalities interrelate in spermatozoa from Robertsonian translocation carriers. Reproductive BioMedicine Online, 2015, 31, 79-88.	1.1	23
18	Spermatozoa from patients with seminal alterations exhibit a differential micro-ribonucleic acid profile. Fertility and Sterility, 2015, 104, 591-601.	0.5	106

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19	Deletions and duplications of the 22q11.2 region in spermatozoa from DiGeorge/velocardiofacial fathers. Molecular Cytogenetics, 2014, 7, 86.	0.4	8
20	New insights into the expression profile and function of micro-ribonucleic acid in human spermatozoa. Fertility and Sterility, 2014, 102, 213-222.e4.	0.5	79
21	Apoptosis mediated by phosphatidylserine externalization in the elimination of aneuploid germ cells during human spermatogenesis. Andrology, 2014, 2, 892-898.	1.9	6
22	Chromosome size, morphology, and gene density determine bivalent positioning in metaphase I human spermatocytes. Fertility and Sterility, 2014, 101, 818-824.e3.	0.5	10
23	Meiotic abnormalities in metaphase I human spermatocytes from infertile males: frequencies, chromosomes involved, and the relationships with polymorphic karyotype and seminal parameters. Asian Journal of Andrology, 2014, 16, 838.	0.8	13
24	Re: Is number of chiasmata an etiological factor of male infertility?. Asian Journal of Andrology, 2014, 16, 921.	0.8	0
25	Sequential FISH allows the determination of the segregation outcome and the presence of numerical anomalies in spermatozoa from a t(1;8;2)(q42;p21;p15) carrier. Journal of Assisted Reproduction and Genetics, 2013, 30, 1115-1123.	1.2	10
26	Lack of association of MTHFR rs1801133 polymorphism and CTCFL mutations with sperm methylation errors in infertile patients. Journal of Assisted Reproduction and Genetics, 2013, 30, 1125-1131.	1.2	15
27	Accumulation of numerical and structural chromosome imbalances in spermatozoa from reciprocal translocation carriers. Human Reproduction, 2013, 28, 840-849.	0.4	31
28	A sequential methodology that allows apoptotic cell sorting and FISH analysis in human testicular cells. Systems Biology in Reproductive Medicine, 2012, 58, 354-361.	1.0	4
29	Semen samples showing an increased rate of spermatozoa with imprinting errors have a negligible effect in the outcome of assisted reproduction techniques. Epigenetics, 2012, 7, 1115-1124.	1.3	37
30	High-resolution fish on DNA fibers for low-copy repeats genome architecture studies. Genomics, 2012, 100, 380-386.	1.3	11
31	Acrocentric bivalents positioned preferentially nearby to the XY pair in metaphase I human spermatocytes. Fertility and Sterility, 2012, 98, 1241-1245.	0.5	9
32	AnÃ¡lisis de la expresiÃ³n de 4 micro-ARN en espermatozoides y su implicaciÃ³n en la fertilidad masculina. Revista Internacional De AndrologÃa, 2012, 10, 92-97.	0.1	1
33	High rates of de novo 15q11q13 inversions in human spermatozoa. Molecular Cytogenetics, 2012, 5, 11.	0.4	7
34	Interchromosomal effect analyses by sperm FISH: incidence and distribution among reorganization carriers. Systems Biology in Reproductive Medicine, 2011, 57, 268-278.	1.0	43
35	Sperm rates of 7q11.23, 15q11q13 and 22q11.2 deletions and duplications: a FISH approach. Human Genetics, 2011, 129, 35-44.	1.8	17
36	Hidden mosaicism in patients with Klinefelter's syndrome: implications for genetic reproductive counselling. Human Reproduction, 2011, 26, 3486-3493.	0.4	30

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37	Deletions and duplications of the 15q11-q13 region in spermatozoa from Prader-Willi syndrome fathers. Molecular Human Reproduction, 2010, 16, 320-328.	1.3	11
38	Role of sperm fluorescent in situ hybridization studies in infertile patients: indications, study approach, and clinical relevance. Fertility and Sterility, 2010, 93, 1892-1902.	0.5	54
39	Meiotic behavior of three D;G Robertsonian translocations: segregation and interchromosomal effect. Journal of Human Genetics, 2010, 55, 541-545.	1.1	28
40	Prognostic value of sperm fluorescence in situ hybridization analysis over PGD. Human Reproduction, 2009, 24, 1516-1521.	0.4	31
41	FISH on sperm: spot-counting to stop counting? Not yet. Fertility and Sterility, 2009, 92, 1474-1480.	0.5	15
42	Reciprocal translocations: tracing their meiotic behavior. Genetics in Medicine, 2008, 10, 730-738.	1.1	49
43	Recombination in heterozygote inversion carriers. Human Reproduction, 2007, 22, 1192-1192.	0.4	3
44	Role of sperm FISH studies in the genetic reproductive advice of structural reorganization carriers. Human Reproduction, 2007, 22, 2088-2092.	0.4	52
45	Genetic reproductive risk in inversion carriers. Fertility and Sterility, 2006, 85, 661-666.	0.5	37
46	FISH studies of chromosome abnormalities in germ cells and its relevance in reproductive counseling. Asian Journal of Andrology, 2005, 7, 227-236.	0.8	38
47	Meiotic abnormalities in infertile males. Cytogenetic and Genome Research, 2005, 111, 337-342.	0.6	56
48	Sperm studies in heterozygote inversion carriers: a review. Cytogenetic and Genome Research, 2005, 111, 297-304.	0.6	82
49	Sperm FISH studies in seven male carriers of Robertsonian translocation t(13;14)(q10;q10). Human Reproduction, 2004, 19, 1345-1351.	0.4	86
50	Preferential alternate segregation in the common t(11;22)(q23;q11) reciprocal translocation: sperm FISH analysis in two brothers. Reproductive BioMedicine Online, 2004, 9, 637-644.	1.1	17
51	Identification of meiotic anomalies with multiplex fluorescence in situ hybridization: Preliminary results. Fertility and Sterility, 2004, 82, 712-717.	0.5	16
52	Genetic Analysis of Sperm and Implications of Severe Male Infertilityâ€"A Review. Placenta, 2003, 24, S62-S65.	0.7	53
53	Meiotic behavior of the sex chromosomes in a 45,X/46,X,r(Y)/46,x,dic r(Y) patient whose semen was assessed by fluorescence in situ hybridization. Fertility and Sterility, 2003, 79, 913-918.	0.5	22
54	Risk assessment and segregation analysis in a pericentric inversion inv(6)(p23q25) carrier using FISH on decondensed sperm nuclei. Cytogenetic and Genome Research, 2002, 97, 149-154.	0.6	36

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55	Diploid sperm and the origin of triploidy. Human Reproduction, 2002, 17, 5-7.	0.4	72
56	Meiosis and Klinefelter's syndrome. Human Reproduction, 2002, 17, 3006-3006.	0.4	6
57	Chromosomal abnormalities in sperm. Molecular and Cellular Endocrinology, 2001, 183, S51-S54.	1.6	29
58	Numerical chromosome abnormalities in the spermatozoa of the fathers of children with trisomy 21 of paternal origin: generalised tendency to meiotic non-disjunction. Human Genetics, 2001, 108, 134-139.	1.8	40
59	Interchromosomal effects for chromosomeÂ21 in carriers of structural chromosome reorganizations determined by fluorescence in situ hybridization on sperm nuclei. Human Genetics, 2000, 106, 500-505.	1.8	61
60	Analysis of chromosome abnormalities in sperm and embryos from two 45,XY,t(13;14)(q10;q10) carriers. Prenatal Diagnosis, 2000, 20, 599-602.	1.1	78
61	Implications of sperm chromosome abnormalities in recurrent miscarriage. Journal of Assisted Reproduction and Genetics, 1999, 16, 253-258.	1.2	83
62	Screening for abnormalities of chromosomes X, Y, and 18 and for diploidy in spermatozoa from infertile men participating in an in vitro fertilization-intracytoplasmic sperm injection program. Fertility and Sterility, 1999, 72, 696-701.	0.5	111
63	Chromosome 21 Disomy in the Spermatozoa of the Fathers of Children with Trisomy 21, in a Population with a High Prevalence of Down Syndrome: Increased Incidence in Cases of Paternal Origin. American Journal of Human Genetics, 1998, 63, 1067-1072.	2.6	84
64	Chromosome studies in human sperm nuclei using fluorescence in-situ hybridization (FISH). Human Reproduction Update, 1997, 3, 441-452.	5.2	148
65	Increased incidence of disomic sperm nuclei in a 47,XYY male assessed by fluorescent in situ hybridization (FISH). Human Genetics, 1997, 99, 413.	1.8	69
66	Chromosome segregation in a man heterozygous for a pericentric inversion, inv(9)(p11q13), analyzed by using sperm karyotyping and two-color fluorescence in situ hybridization on sperm nuclei. Human Genetics, 1997, 99, 761-765.	1.8	37